



Environment Testing
America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
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Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-174150-1
Client Project/Site: NPDES Dry Weather

For:
Solutia Inc.
730 Worcester Street
PO BOX 51975
Springfield, Massachusetts 01151

Attn: Andrew Orciari

Authorized for release by:
9/3/2020 4:45:57 PM

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Job ID: 480-174150-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-174150-1

Comments

No additional comments.

Receipt

The samples were received on 8/22/2020 8:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Client Sample ID: OF 17

Lab Sample ID: 480-174150-1

Date Collected: 08/20/20 13:35

Matrix: Water

Date Received: 08/22/20 08:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0		ug/L			09/03/20 15:45	1
Chloroform	14		1.0		ug/L			09/03/20 15:45	1
Dichlorobromomethane	1.6		1.0		ug/L			09/03/20 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		60 - 140					09/03/20 15:45	1
4-Bromofluorobenzene	101		60 - 140					09/03/20 15:45	1
Toluene-d8 (Surr)	104		60 - 140					09/03/20 15:45	1
Dibromofluoromethane (Surr)	100		60 - 140					09/03/20 15:45	1

Method: 8015D - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		5.0		mg/L			09/01/20 00:17	1

Method: 608.3 - Organochlorine Pesticides/PCBs in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:02	1
Aroclor 1221	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:02	1
Aroclor 1232	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:02	1
Aroclor 1242	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:02	1
Aroclor 1248	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:02	1
Aroclor 1254	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:02	1
Aroclor 1260	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		10 - 150				08/25/20 09:35	08/26/20 08:02	1
Tetrachloro-m-xylene	54		10 - 150				08/25/20 09:35	08/26/20 08:02	1
DCB Decachlorobiphenyl	67		10 - 150				08/25/20 09:35	08/26/20 08:02	1
DCB Decachlorobiphenyl	56		10 - 150				08/25/20 09:35	08/26/20 08:02	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010		mg/L		08/24/20 10:45	08/24/20 19:38	1
Zinc	0.013		0.010		mg/L		08/24/20 10:45	08/24/20 19:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		08/25/20 13:41	08/25/20 15:50	1

Client Sample ID: OF 9

Lab Sample ID: 480-174150-2

Date Collected: 08/20/20 13:22

Matrix: Water

Date Received: 08/22/20 08:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0		ug/L			09/03/20 14:12	1
Chloroform	11		1.0		ug/L			09/03/20 14:12	1
Dichlorobromomethane	1.6		1.0		ug/L			09/03/20 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	75		60 - 140					09/03/20 14:12	1
4-Bromofluorobenzene	99		60 - 140					09/03/20 14:12	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Client Sample ID: OF 9

Lab Sample ID: 480-174150-2

Date Collected: 08/20/20 13:22

Matrix: Water

Date Received: 08/22/20 08:00

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		60 - 140		09/03/20 14:12	1
Dibromofluoromethane (Surr)	99		60 - 140		09/03/20 14:12	1

Method: 8015D - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		5.0		mg/L			09/01/20 00:43	1

Method: 608.3 - Organochlorine Pesticides/PCBs in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:15	1
Aroclor 1221	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:15	1
Aroclor 1232	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:15	1
Aroclor 1242	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:15	1
Aroclor 1248	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:15	1
Aroclor 1254	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:15	1
Aroclor 1260	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		10 - 150	08/25/20 09:35	08/26/20 08:15	1
Tetrachloro-m-xylene	68		10 - 150	08/25/20 09:35	08/26/20 08:15	1
DCB Decachlorobiphenyl	73		10 - 150	08/25/20 09:35	08/26/20 08:15	1
DCB Decachlorobiphenyl	80		10 - 150	08/25/20 09:35	08/26/20 08:15	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010		mg/L		08/24/20 10:45	08/24/20 19:53	1
Zinc	ND		0.010		mg/L		08/24/20 10:45	08/24/20 19:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		08/25/20 13:41	08/25/20 15:51	1

Client Sample ID: OF 21S

Lab Sample ID: 480-174150-3

Date Collected: 08/20/20 13:10

Matrix: Water

Date Received: 08/22/20 08:00

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0		ug/L			09/03/20 14:36	1
Chloroform	8.0		1.0		ug/L			09/03/20 14:36	1
Dichlorobromomethane	1.0		1.0		ug/L			09/03/20 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		60 - 140		09/03/20 14:36	1
4-Bromofluorobenzene	103		60 - 140		09/03/20 14:36	1
Toluene-d8 (Surr)	103		60 - 140		09/03/20 14:36	1
Dibromofluoromethane (Surr)	101		60 - 140		09/03/20 14:36	1

Method: 8015D - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		5.0		mg/L			09/01/20 01:09	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Client Sample ID: OF 21S

Lab Sample ID: 480-174150-3

Date Collected: 08/20/20 13:10

Matrix: Water

Date Received: 08/22/20 08:00

Method: 608.3 - Organochlorine Pesticides/PCBs in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:28	1
Aroclor 1221	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:28	1
Aroclor 1232	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:28	1
Aroclor 1242	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:28	1
Aroclor 1248	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:28	1
Aroclor 1254	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:28	1
Aroclor 1260	ND		1.0		ug/L		08/25/20 09:35	08/26/20 08:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		10 - 150	08/25/20 09:35	08/26/20 08:28	1
Tetrachloro-m-xylene	82		10 - 150	08/25/20 09:35	08/26/20 08:28	1
DCB Decachlorobiphenyl	82		10 - 150	08/25/20 09:35	08/26/20 08:28	1
DCB Decachlorobiphenyl	108		10 - 150	08/25/20 09:35	08/26/20 08:28	1

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.010		mg/L		08/24/20 10:45	08/24/20 19:56	1
Zinc	0.034		0.010		mg/L		08/24/20 10:45	08/24/20 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		08/25/20 13:41	08/25/20 15:55	1

Lab Chronicle

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Client Sample ID: OF 17

Lab Sample ID: 480-174150-1

Date Collected: 08/20/20 13:35

Matrix: Water

Date Received: 08/22/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	721636	09/03/20 15:45	AMS	TAL EDI
Total/NA	Analysis	8015D		1	632580	09/01/20 00:17	DC	TAL SAV
Total/NA	Prep	608			719448	08/25/20 09:35	DXB	TAL EDI
Total/NA	Analysis	608.3		1	719641	08/26/20 08:02	SAK	TAL EDI
Total/NA	Prep	200.7			546440	08/24/20 10:45	ADM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	546631	08/24/20 19:38	LMH	TAL BUF
Total/NA	Prep	Distill/CN			546696	08/25/20 13:41	CRK	TAL BUF
Total/NA	Analysis	335.4		1	546757	08/25/20 15:50	CRK	TAL BUF

Client Sample ID: OF 9

Lab Sample ID: 480-174150-2

Date Collected: 08/20/20 13:22

Matrix: Water

Date Received: 08/22/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	721636	09/03/20 14:12	AMS	TAL EDI
Total/NA	Analysis	8015D		1	632580	09/01/20 00:43	DC	TAL SAV
Total/NA	Prep	608			719448	08/25/20 09:35	DXB	TAL EDI
Total/NA	Analysis	608.3		1	719641	08/26/20 08:15	SAK	TAL EDI
Total/NA	Prep	200.7			546440	08/24/20 10:45	ADM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	546631	08/24/20 19:53	LMH	TAL BUF
Total/NA	Prep	Distill/CN			546696	08/25/20 13:41	CRK	TAL BUF
Total/NA	Analysis	335.4		1	546757	08/25/20 15:51	CRK	TAL BUF

Client Sample ID: OF 21S

Lab Sample ID: 480-174150-3

Date Collected: 08/20/20 13:10

Matrix: Water

Date Received: 08/22/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	721636	09/03/20 14:36	AMS	TAL EDI
Total/NA	Analysis	8015D		1	632580	09/01/20 01:09	DC	TAL SAV
Total/NA	Prep	608			719448	08/25/20 09:35	DXB	TAL EDI
Total/NA	Analysis	608.3		1	719641	08/26/20 08:28	SAK	TAL EDI
Total/NA	Prep	200.7			546440	08/24/20 10:45	ADM	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	546631	08/24/20 19:56	LMH	TAL BUF
Total/NA	Prep	Distill/CN			546696	08/25/20 13:41	CRK	TAL BUF
Total/NA	Analysis	335.4		1	546757	08/25/20 15:55	CRK	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Massachusetts	State	M-NY044	07-01-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
335.4	Distill/CN	Water	Cyanide, Total

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State	<cert No.>	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-18-00135	05-03-21

Laboratory: Eurofins TestAmerica, Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-21
Alaska	State	GA00006	06-30-21
Alaska (UST)	State	17-016	09-30-20
ANAB	Dept. of Defense ELAP	L2463	09-22-22
ANAB	ISO/IEC 17025	L2463.01	09-22-22
Arizona	State	AZ0808	12-14-20
Arkansas DEQ	State	19-015-0	02-02-21
California	State	2939	06-30-21
Colorado	State	GA00006	12-31-20
Connecticut	State	PH-0161	03-31-21
Florida	NELAP	E87052	06-30-21
Georgia	State	E87052	06-30-21
Georgia (DW)	State	803	06-30-21
Guam	State	19-007R	04-17-21
Hawaii	State	<cert No.>	06-30-21
Illinois	NELAP	200022	11-30-20
Indiana	State	C-GA-02	06-30-21
Iowa	State	353	06-30-21
Kansas	NELAP	E-10322	10-15-20
Kentucky (DW)	State	KY90084	12-31-21
Kentucky (UST)	State	<cert No.>	06-30-21
Kentucky (WW)	State	KY90084	12-31-20
Louisiana	NELAP	02011	06-30-21
Louisiana (DW)	State	LA009	12-31-20
Maine	State	GA00006	09-26-20

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Laboratory: Eurofins TestAmerica, Savannah (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Maryland	State	250	12-31-20
Massachusetts	State	M-GA006	06-30-21
Michigan	State	9925	06-30-21
Mississippi	State	<cert No.>	06-30-21
Nebraska	State	NE-OS-7-04	06-30-21
New Jersey	NELAP	GA769	06-30-21
New Mexico	State	GA00006	06-30-21
New York	NELAP	10842	04-01-21
North Carolina (DW)	State	13701	07-31-21
North Carolina (WW/SW)	State	269	12-31-20
Pennsylvania	NELAP	68-00474	06-30-21
Puerto Rico	State	GA00006	01-01-21
South Carolina	State	98001	06-30-21
Tennessee	State	02961	06-30-21
Texas	NELAP	T1047004185-19-14	11-30-20
Texas	TCEQ Water Supply	T104704185	06-30-21
US Fish & Wildlife	US Federal Programs	LE058448-0	08-01-21
USDA	US Federal Programs	P330-18-00313	10-29-21
Virginia	NELAP	10509	06-14-21
Washington	State	C805	06-10-21
West Virginia (DW)	State	9950C	12-31-20
West Virginia DEP	State	094	07-31-20 *
Wisconsin	State	999819810	08-31-21
Wyoming	State	8TMS-L	06-30-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Buffalo

Method Summary

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL EDI
8015D	Nonhalogenated Organic Compounds - Direct Injection (GC)	SW846	TAL SAV
608.3	Organochlorine Pesticides/PCBs in Water	40CFR136A	TAL EDI
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
335.4	Cyanide, Total	MCAWW	TAL BUF
200.7	Preparation, Total Metals	EPA	TAL BUF
608	Liquid-Liquid Extraction (Separatory Funnel)	40CFR136A	TAL EDI
Distill/CN	Distillation, Cyanide	None	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

TAL SAV = Eurofins TestAmerica, Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Solutia Inc.
Project/Site: NPDES Dry Weather

Job ID: 480-174150-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-174150-1	OF 17	Water	08/20/20 13:35	08/22/20 08:00	
480-174150-2	OF 9	Water	08/20/20 13:22	08/22/20 08:00	
480-174150-3	OF 21S	Water	08/20/20 13:10	08/22/20 08:00	

Login Sample Receipt Checklist

Client: Solutia Inc.

Job Number: 480-174150-1

Login Number: 174150

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	SOLUTIA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Solutia Inc.

Job Number: 480-174150-1

Login Number: 174150

List Number: 2

Creator: Rivera, Kenneth

List Source: Eurofins TestAmerica, Edison

List Creation: 08/24/20 04:25 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0,5°C, IR #11
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Solutia Inc.

Job Number: 480-174150-1

Login Number: 174150

List Number: 3

Creator: Sims, Robert D

List Source: Eurofins TestAmerica, Savannah

List Creation: 08/25/20 01:32 PM


Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Chain of Custody Record



Client Information Client Contact: Mr. Jeff Leandro Company: Solutia Inc. Address: 730 Worcester Street PO BOX 51975 City: Springfield State: MA, 01151 Phone: 413-730-3291 (Tel) Email: jleandro@solutia.com Project Name: NPDES Dry Weather Site: Solutia		Sampler: Andrew Orsini Lab PM: Hartmann, Steve Phone: 413-730-3291 E-Mail: Steve.Hartmann@Eurofins.com		Carrier Tracking No(s): 360JWestfield COC No: 480-147577-20859.1 Page 1 of 1 Job #:	
Analysis Requested Due Date Requested: TAT Requested (days): PO #: 46036717 WO #: Project #: 48007093 SSOW #:					
Preservation Codes: A - HCL B - NaOH C - -elate D - -loid E - -id F - Na2O4S G - Na2SO3 H - Na2SO4 I - H2SO4 J - TSP Dodecahydrate K - Acetone L - MCAA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)					
480-174150 Chain of Custody 					
Other:					
Total Number of con					
Special Instructions/Note:					
608 -> direct shipped to Edison					
Buffalo logia					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Special Instructions/QC Requirements:					
Method of Shipment:					
Date/Time: 8/20/20 3:00pm Date/Time: 8/21/20 0900 Date/Time: 8/22/20 0800 Date/Time: 8/23/20					
Received by: [Signature] Received by: [Signature] Received by: [Signature]					
Company: Solutia Company: Solutia Company: Solutia					
Cooler Temperature(s) °C and Other Remarks:					
Custody Seal No.: Δ Yes Δ No					

Chain of Custody Record

Client Information Client Contact: Mr. Jeff Leandro Company: Solutia Inc. Address: 730 Worcester Street PO BOX 51975 City: Springfield State, Zip: MA, 01151 Phone: 413-730-3291(Tel) Email: jleandro@eastman.com Project Name: NPDES Dry Weather Site: Solutia		Sampler: Andrew Orsini Lab PM: Hartmann, Steve Phone: 413-730-3291 E-Mail: Steve.Hartmann@Eurofinset.com		Carrier Tracking No(s): 3611-03241011 COC No: 480-147577-20859.1 Page: Page 1 of 1 Job #: 480-174150	
Due Date Requested: TAT Requested (days): PO #: 46036717 WO #: 48007093 Project #: 48007093 SSOW#:		Analysis Requested Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> 200.7 - Copper & Zinc <input checked="" type="checkbox"/> 608 - PCB - PCBs <input checked="" type="checkbox"/> 335.4 - Cyanide, Total <input checked="" type="checkbox"/> 8015B - DAL - Methanol <input checked="" type="checkbox"/> 624 - SmI - VOC custom list <input checked="" type="checkbox"/> Total Number of Containers: <input checked="" type="checkbox"/>			
Sample Identification Sample Date: 8/20 Sample Time: 1:35pm Sample Type (C=Comp, G=Grab): G Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air): Water		Preservation Code: Special Instructions/Note: 608 -> direct shipped to Edison Buffalo logia			
OF 17 OF 9 OF 215		OF 17 OF 9 OF 215			
 480-174150 Chain of Custody					
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					
Deliverable Requested: I, II, III, IV, Other (specify)					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Special Instructions/QC Requirements:					
Empty Kit Relinquished by: Relinquished by: Andrew Orsini Date/Time: 8/20/20 3:30pm Company: Solutia		Method of Shipment: Received by: [Signature] Date/Time: 8/21/20 0900 Company: JAL			
Relinquished by: [Signature] Date/Time: 8/21/20 1700 Company: JAL		Received by: [Signature] Date/Time: 8/21/20 1145 Company: JAL			
Relinquished by: [Signature] Date/Time: 8/21/20 1700 Company: JAL		Received by: [Signature] Date/Time: 8/21/20 1145 Company: JAL			
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 12.1 0.5°C			

Number of Coolers:

IR Gun #

Cooler Temperatures

	PAW	CORRECTED		PAW	CORRECTED
Cooler #1:	0.5	0.5	Cooler #4:	0.5	0.5
Cooler #2:	0.5	0.5	Cooler #5:	0.5	0.5
Cooler #3:	0.5	0.5	Cooler #6:	0.5	0.5
			Cooler #7:	0.5	0.5
			Cooler #8:	0.5	0.5
			Cooler #9:	0.5	0.5

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Volume of Preservative used (ml):

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

